

Appl. No. 10/786,899

Docket No. 1625-172

Amendment

Reply to Office Action dated October 4, 2005

AMENDMENTS TO THE CLAIMS

This listing will replace all prior versions, and listings, of claims in the application:

1. (Currently amended) A fixation framework for ring-shaped permanent magnet comprising a movable ring-shaped permanent magnet and a movable supporting member for supporting said ring-shaped permanent magnet, wherein:
said supporting member comprises a synthetic resin; and
said permanent magnet is integrated with said supporting member by insert-molding.
2. (Original) The fixation framework for ring-shaped permanent magnet according to claim 1, wherein said supporting member and said permanent magnet have a spatial relationship in radial direction thereof such that said ring-shaped permanent magnet locates inside, and said supporting member locates outside.
3. (Original) The fixation framework for ring-shaped permanent magnet according to claim 2, wherein said permanent magnet comprises a Nd-Fe-B magnetic material, and magnetized in radial direction thereof such that inside and outside thereof have different polarities.
4. (Original) The fixation framework for ring-shaped permanent magnet according to claim 3, wherein said permanent magnet has a positive thermal expansion coefficient along a direction of thickness thereof, the direction of thickness thereof being parallel to the direction of magnetizing, and a negative thermal expansion coefficient along a direction of surface thereof, the direction of surface thereof being perpendicular to the direction of magnetizing.